



# Crop Progress and Condition



## National Agricultural Statistics Service

United States Department of Agriculture • Washington, DC 20250

Northwest Regional Field Office • Olympia, WA 98507

Alaska Field Office • Palmer, AK 99645

1-800-478-6079 • www.nass.usda.gov/ak

For Week Ending: May 24, 2015

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**ALASKA:** There were **7.0 days suitable for fieldwork** last week. Temperatures were again above normal with the major growing areas receiving little precipitation. **Local hay supplies** were reported as 10% very short, 0% short, 90% adequate. **Condition of livestock** was reported as 20% fair, 40% good, 40% excellent. **Condition of range and pasture** was reported as 15% poor, 45% fair, 40% good.

**TANANA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Local hay supplies** were reported as 100% adequate. **Condition of livestock** was reported as 20% fair, 40% good, 40% excellent. **Condition of range and pasture** was reported as 30% poor, 60% fair, 10% good. **Farm activities** for the week included seeding small grains, forage oats and peas, spraying weeds, planting potatoes, irrigation.

**MATANUSKA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Local hay supplies** were reported as 95% adequate, 5% surplus. **Condition of livestock** was reported as 10% fair, 40% good, 50% excellent. **Condition of range and pasture** was reported as 5% poor, 20% fair, 75% good. **Farm activities** for the week included planting potatoes, vegetables and small grains, fertilizing fields, cultivating fields, irrigation, greenhouse and high tunnel work.

### Soil Moisture -- Alaska

	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil Moisture – State .....	10	45	45	0
Tanana Valley.....	25	55	20	0
Matanuska Valley.....	0	35	65	0
Kenai Peninsula.....	na	na	na	na
Subsoil Moisture – State .....	0	50	50	0
Tanana Valley.....	0	70	30	0
Matanuska Valley.....	0	30	65	5
Kenai Peninsula.....	na	na	na	na

### Soil Temperatures (F °) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2015	2014	2013	2015	2014	2013	High	Low	
UAF-AFES, Trunk Rd.....	51	47	38	52	49	50	70	33	0.09
Sawmill Creek.....	na	37	37	na	na	na	na	na	na
Plant Materials Center.....	na	51	44	na	52	42	73	31	0.05

Pan Evaporation<sup>1/</sup> UAF-AFES, Matanuska Experiment Farm, Palmer: 1.222

<sup>1/</sup> Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

### Crop Progress -- Alaska

	Percent completed			
	This week	Last week	Last year	5 year average
	(percent)	(percent)	(percent)	(percent)
Barley Planted.....	95	20	96	78
Oats Planted.....	75	5	87	53
Potatoes Planted.....	60	10	54	43

na – not available

## Weekly Weather Statistics — Alaska: May 18 - May 24, 2015

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	86	37	61	+10	0.00	0	0.17	-0.22	1	111	+91	314
Fairbanks-Eielson .....	86	34	59	+8	0.00	0	0.22	-0.21	2	83	+63	262
Nenana .....	87	36	60	+10	0.00	0	0.32	+0.14	1	109	+97	305
Fort Greely-Allen .....	82	39	62	+13	0.00	0	0.02	-0.44	1	120	+80	306
Healy River Airport .....	79	38	57	+9	0.00	0	0.42	-0.02	6	64	+60	240
Gulkana Airport .....	80	32	55	+10	0.00	0	0.16	-0.21	2	49	+44	216
Sutton .....	68	35	50	+3	0.11	2	1.16	+0.58	9	9	+2	168
Palmer .....	72	36	52	+4	0.01	1	0.05	-0.40	4	39	+21	253
Talkeetna .....	74	33	52	+5	0.05	1	1.00	-0.21	7	24	+20	213
Willow Airport .....	70	37	52	+4	0.13	1	0.91	+0.46	9	27	+24	229
Anchorage International .....	66	37	50	+2	0.22	1	0.53	+0.04	3	17	+6	202
Kenai .....	58	32	46	+1	0.05	1	0.74	+0.02	8	1	-2	122
Homer .....	60	41	51	+7	0.04	1	0.33	-0.53	7	16	+16	217
Kodiak .....	50	44	47	+3	0.37	3	6.12	+1.21	15	0	-3	130

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2015.

For more weather information visit [www.awis.com](http://www.awis.com) or call 1-888-798-9955.

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USDA/NASS/Alaska Field Office  
PO Box 799  
Palmer, AK 99645